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## Pump Screen Installation & Maintenance Instructions

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### Installation

Lower the pump screen into place on the bottom of the tank.

To use the float tree,:

1. Cut either 1-1/4" or 1-1/2" pipe to a length that will put the float tree within easy reach of the tank access when it is installed in the pump screen.
2. Attach floats to the above pipe at the desired heights.
3. Lower the pipe into the pump screen until it touches the bottom.
4. Snap the pipe into the Float Tree Bracket that is mounted in the pump screen
5. The "J" Hook that is installed in the pump screen can be used to organize excess wires from the pump and/or floats

Float Tree Bracket



"J" Hook

Optional Float Holders are also available to attach the floats to the tree, the Sim/Tech part number is STF-FHPB-1.25-1.50.

Additional Float Tree Brackets, STF-106FTB-1.25-1.50 and "J" Hooks, STF-JHOOK can also be ordered separately. Float Holders and Float Tree Brackets to fit other sizes of pipes are also available.



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### Maintenance

1. Disconnect power to the pump.
2. If a ball valve is installed on the discharge pipe, it should be closed.
3. Disconnect the pump from the discharge pipe.
4. Unsnap the float tree from the pump screen.
5. Lift the pump and the float tree out of the tank.
6. Service the pump and floats as necessary.
7. Lift the pump screen out of the tank.
8. While holding the pump screen over the tank access, spray any debris on the pump screen into the tank.

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#### **Important Notes:**

- For deep installations, it may be beneficial to attach a rope to the pump screen for easier installation and removal. This rope should be attached just below the top section of the pump screen's support rings.